



SEQUENCE LISTING

> Ptashne, et al.,

<120> Transcriptional Activation System, Activators, and Uses
Therefor

<130> 0342941-0065

<140> 09-943,944

<141> 2001-08-31

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<170> PatentIn Ver. 2.1

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18

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<400> 118

Pro Leu Pro Pro Phe Leu

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<211> 18

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<400> 120

Leu Phe Leu Pro Pro Thr

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<220>
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Gly Glu Tyr Phe Pro Phe
1 5

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<211> 18

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<220>

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18

<210> 130

<211> 6

<212> PRT

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<220>

<223> Description of Artificial Sequence:Random peptide sequences.

<400> 130

Phe Ile Asp Pro Pro Leu

1

5

<210> 131

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 131

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18

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<220>
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Leu Ile Pro Tyr Ser Leu
1 5

<210> 133
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<220>
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<210> 134
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<220>
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1 5

<210> 135
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<220>
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nucleotide sequences.

<400> 135
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18

<210> 136
<211> 6
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<220>
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1 5

<210> 137
<211> 18
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<220>
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nucleotide sequences.

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18

<210> 138
<211> 6
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<220>
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sequences.

<400> 138
Val Trp Pro Pro Ala Val
1 5

<210> 139
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
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<400> 139
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<210> 140
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<220>
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1 5

<210> 141
<211> 18
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<220>
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<210> 142
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<220>

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1 5

<210> 143
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<220>
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<210> 144
<211> 6
<212> PRT
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<220>
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1 5

<210> 145
<211> 18
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<220>
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<400> 145
gcggaccgt ggctactc 18

<210> 146
<211> 6
<212> PRT
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<220>
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<210> 147
<211> 18
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<220>
<223> Description of Artificial Sequence:Random nucleotide sequences.

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<210> 148
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<220>
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<210> 149
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<220>
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nucleotide sequences.

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18

<210> 150

<211> 6

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<213> Artificial Sequence

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Pro Pro Ser Phe Phe Gly

1

5

<210> 151

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 151

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18

<210> 152

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

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<400> 152

Pro Ser Ser Leu Pro Phe

1

5

<210> 153

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<211> 18
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random
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<210> 154
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<220>
<223> Description of Artificial Sequence:Random peptide
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  1             5

<210> 155
<211> 18
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<220>
<223> Description of Artificial Sequence:Random
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<210> 156
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<220>
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Leu Tyr
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<210> 157
<211> 18
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<220>
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<400> 157
cctatcccccgtttcact 18

<210> 158
<211> 6
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<220>
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<400> 158
Pro Ile Pro Gly Phe Thr
1 5

<210> 159
<211> 18
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<220>
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<400> 159
tttgaccct tgggcattc 18

<210> 160
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<220>

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Phe Asp Pro Phe Gly Ile
1 5

<210> 161

<211> 18

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<220>

<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 161

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<211> 6

<212> PRT

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<220>

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<400> 162

Pro Pro Ser Val His Leu

1 5

<210> 163

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 163

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18

<210> 164
<211> 6
<212> PRT
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<220>
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Pro Asp Asn Val Leu Pro
1 5

<210> 165
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 165
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1 5 10

<210> 166
<211> 24
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<220>
<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 166
tacctttac caacctgtat acct

24

<210> 167
<211> 8
<212> PRT
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<223> Description of Artificial Sequence:Random peptide sequences.

<400> 167
Tyr Leu Leu Pro Thr Cys Ile Pro
1 5

<210> 168
<211> 24
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 168
ctacaagtcc acaacacgac atag 24

<210> 169
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<212> PRT
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 169
Leu Gln Val His Asn Ser Thr
1 5

<210> 170
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 170
gttcttgact tcaccccttt cctc 24

<210> 171
<211> 8
<212> PRT
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<400> 171
Val Leu Asp Phe Thr Pro Phe Leu
1 5

<210> 172
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<212> DNA
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<220>
<223> Description of Artificial Sequence:Random nucleotide sequences.

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<210> 173
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1 5

<210> 174
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<212> DNA
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<220>
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nucleotide sequences.

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ctcctcgccct tttacgagat accg

24

<210> 175
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<220>
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sequences.

<400> 175
Leu Leu Ala Phe Tyr Glu Ile Pro
1 5

<210> 176
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nucleotide sequences.

<400> 176
ccccctgaca cctacatctt ctta

24

<210> 177
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sequences.

<400> 177
Pro Pro Asp Thr Tyr Ile Phe Phe
1 5

<210> 178
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<400> 178
caactcaact acccactcgc cata 24

<210> 179
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<220>
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Gln Leu Asn Tyr Pro Leu Ala Ile
1 5

<210> 180
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<210> 181
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<220>
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sequences.

<400> 181
Leu Val Leu Pro Gln Pro Gln Leu
1 5

<210> 182
<211> 24
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<400> 182
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<210> 183
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<223> Description of Artificial Sequence:Random peptide sequences.

<400> 183
Pro Trp Tyr Pro Thr Pro Tyr Leu
1 5

<210> 184
<211> 27
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 184
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<210> 185

<211> 8
<212> PRT
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Trp Leu Arg Ser Phe Ser Val Pro
1 5

<210> 186
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<212> DNA
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<220>
<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 186
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<210> 187
<211> 8
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<223> Description of Artificial Sequence:Random peptide sequences.

<400> 187
Leu Glu Pro Ser Leu Tyr Met Ile
1 5

<210> 188
<211> 24
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 188
tgcatttgt cccaccacgc tcct

24

<210> 189
<211> 8
<212> PRT
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<220>
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<400> 189
Cys Ile Leu Ser His His Ala Pro
1 5

<210> 190
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 190
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24

<210> 191
<211> 8
<212> PRT
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<220>
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Asp Leu Thr Cys Cys Phe Cys Leu
1 5

<210> 192
<211> 24

<212> DNA
<213> Artificial Sequence

<220>
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<400> 192
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24

<210> 193
<211> 8
<212> PRT
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<220>
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<400> 193
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1 5

<210> 194
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 194
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24

<210> 195
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<220>
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<400> 195

Tyr Leu Leu Pro Phe Leu Pro Tyr
1 5

<210> 196
<211> 24
<212> DNA
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<220>
<223> Description of Artificial Sequence:Random
nucleotide sequences.

<400> 196
tacccctggc ttccagtcgg ctta 24

<210> 197
<211> 8
<212> PRT
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<220>
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sequences.

<400> 197
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1 5

<210> 198
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nucleotide sequences.

<400> 198
tatttactac ctctcctctc cact 24

<210> 199
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<400> 199
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1 5

<210> 200
<211> 24
<212> DNA
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<220>
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<400> 200
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<210> 201
<211> 8
<212> PRT
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<220>
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<400> 201
Leu Ser Ile Gln Pro Tyr Phe Phe
1 5

<210> 202
<211> 24
<212> DNA
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<220>
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<400> 202
gccctattct acctcctcta aaag 24

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Ala Leu Phe Tyr Leu Leu
  1           5
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24

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<220>
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      sequences.
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<400> 205
Pro Trp Pro Tyr Tyr Phe Pro Ile
1 5

<210> 206
<211> 24
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<400> 206
ccgatttggc aatataccat tttc 24

<210> 207
<211> 8
<212> PRT
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<220>
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<400> 207
Pro Ile Trp Gln Tyr Thr Ile Phe
1 5

<210> 208
<211> 24
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<400> 208
ttatccccca cctttgggc attc 24

<210> 209
<211> 8
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<213> Artificial Sequence

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<223> Description of Artificial Sequence:Random peptide sequences.

<400> 209

Phe Ser Pro Thr Phe Trp Ala Phe
1 5

<210> 210

<211> 24

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 210

gaccccccct acgcctatac tctg

24

<210> 211

<211> 8

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Random peptide sequences.

<400> 211

Phe Pro Pro Tyr Ala Tyr Thr Leu

1

5

<210> 212

<211> 24

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 212

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24

<210> 213
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<400> 213
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1 5

<210> 214
<211> 24
<212> DNA
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<223> Description of Artificial Sequence:Random nucleotide sequences.

<400> 214
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24

<210> 215
<211> 8
<212> PRT
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 215
Phe Thr Tyr Ala Leu Pro Phe Pro
1 5

<210> 216
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nucleotide sequences.

<400> 216
ctcttaccac tgcctctttt cctc

24

<210> 217
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<220>
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sequences.

<400> 217
Leu Phe Pro Leu Pro Leu Phe Leu
1 5

<210> 218
<211> 24
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<213> Artificial Sequence

<220>
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nucleotide sequences.

<400> 218
ctattccctt ggacatacca actt

24

<210> 219
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<220>
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sequences.

<400> 219
Leu Phe Pro Trp Thr Tyr Gln Leu
1 5

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<210> 220
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<400> 220
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<210> 221
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<400> 221
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  1           5

<210> 222
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<210> 223
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<211> 7
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<220>
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<400> 223
Tyr Ile Phe Leu Ser Phe Ser
1 5

<210> 224
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<400> 224
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<210> 225
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<212> PRT
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<220>
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<400> 225
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1 5

<210> 226
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<220>
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<400> 226
Leu Ile Cys Tyr Pro Leu Pro Thr
1 5

<210> 227
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<220>
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<400> 227
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1 5

<210> 228
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<212> PRT
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<220>
<223> Description of Artificial Sequence:Random peptide sequences.

<400> 228
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1 5 10

<210> 229
<211> 9
<212> PRT
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<400> 229
Ala Leu Leu Thr Gly Leu Phe Val Gln
1 5

<210> 230
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<212> PRT
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1 5

<210> 231
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<400> 231
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1 5

<210> 232
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<212> PRT
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<400> 232
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1 5

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<223> Description of Artificial Sequence:Random peptide sequences.

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